

SILICA-BASED MICROPARTICLE, METHOD FOR PRODUCING DISPERSION WITH THE SAME, AND BASE MATERIAL WITH COATING FILM

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Inventor: NISHIDA HIROYASU; NAKAI MITSURU; HIYOUHAKU YUJI; KOMATSU MICHIO

Applicant: CATALYSTS & CHEM IND CO

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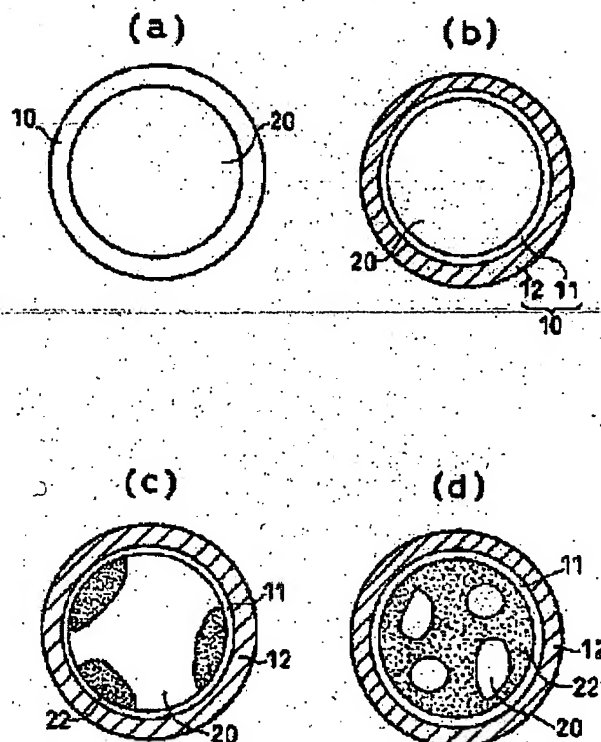
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Abstract of JP2001233611

PROBLEM TO BE SOLVED: To provide silica-based microparticles of low refractive index, and to provide a base material with a coating film excellent in adhesion to resin or the like and antireflectivity. **SOLUTION:** This silica-based microparticle is such that, as shown in the figure 1 (a), there is a hollow 20 inside a shell 10 consisting of a silica-based inorganic oxide; wherein the shell 10 may be either porous, or such as to seal up the hollow 20 with the micropores closed, and, as shown in the figure 1 (b), is preferably a silica-based multiple coating layer composed of a 1st silica coating layer 11 and a 2nd coating layer 12.



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